

Cal OES Daily Situation Report

February 21, 2014



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

Duty Officer	
EDO	Stephen Sellers
CSWC Watch Officer	Ronald DeMayo (Day), Chuck Bickinella (Night)
FDO	Bill Bondshu
LDO	Greg Smith
IDO	Deborah Vercammen
CDO	Robert Butchart
SDO	Yvette LaDuke
PIO	Kelly Huston
TCOM	Mike Beckstrand
IT	Lorenzo Shells
EQTP	Kate Long
Tribal Liaison POC	Denise Banker
Access and Functional Needs POC	Richard Devylder

National Terrorism Advisory System

Current Alerts

There are no current alerts

SITUATION SUMMARY

- SOC / Inland REOC remains activated in support of 2014 Drought
- California will be returning to an unsettled wet period late next week with precipitation expected statewide
- No significant Weather Watches or Warnings are in effect
- Natural Gas Outage - Needles, San Bernardino County
 - As of 2/21/2014 at 0900 hours, Southwest Gas reported that service has been restored to approximately 1,457 customers
 - There is no estimated time of when service will be fully restored
 - No emergency management issues have been reported at this time

WEATHER

Near-term Outlook for Precipitation: The dry conditions of the past week will continue into early next week as high pressure builds over California. A warming trend also is expected. A return to an unsettled wet period is expected late next week with precipitation expected statewide, continuing into next weekend. The focus of this upcoming wet period will be across northern California with preliminary maximum rainfall amounts of 3-6 inches. Snow levels likely at or above 6000 ft.

WEATHER SYNOPSIS BY REGION:

NORTHERN CALIFORNIA AND CENTRAL COASTAL AREAS:

Eureka Weather:

High pressure building over the region will bring warmer temperatures and drier conditions to northwest California this weekend. Cooler and wetter weather is expected into next weekend.

San Francisco Weather:

High pressure will remain through the weekend for continued dry weather and above normal daytime temperatures. Forecast confidence continues to grow regarding a change in the weather pattern by the middle of next week, with rain likely to spread into the region as early as Wednesday continuing through the end of next week. Locally heavy rain is possible.

CENTRAL CALIFORNIA AND SOUTHERN SAN JOAQUIN VALLEY:

Sacramento Weather:

Dry and mild conditions are expected through Tuesday followed by a change to a wetter weather pattern towards the middle of next week.

Hanford Weather:

Dry and mild conditions will continue through early next week. Weather systems are expected to bring a chance of showers by mid-week and continue through the end of next week.

WEATHER SYNOPSIS BY REGION: (Con't)

SOUTHERN CALIFORNIA:

Los Angeles Weather:

High pressure will bring mostly clear skies and above normal maximum temperatures through Saturday. The marine layer will return Sunday and bring cooler temperatures into early next week. It is growing more and more likely that it will be wet from mid-week on.

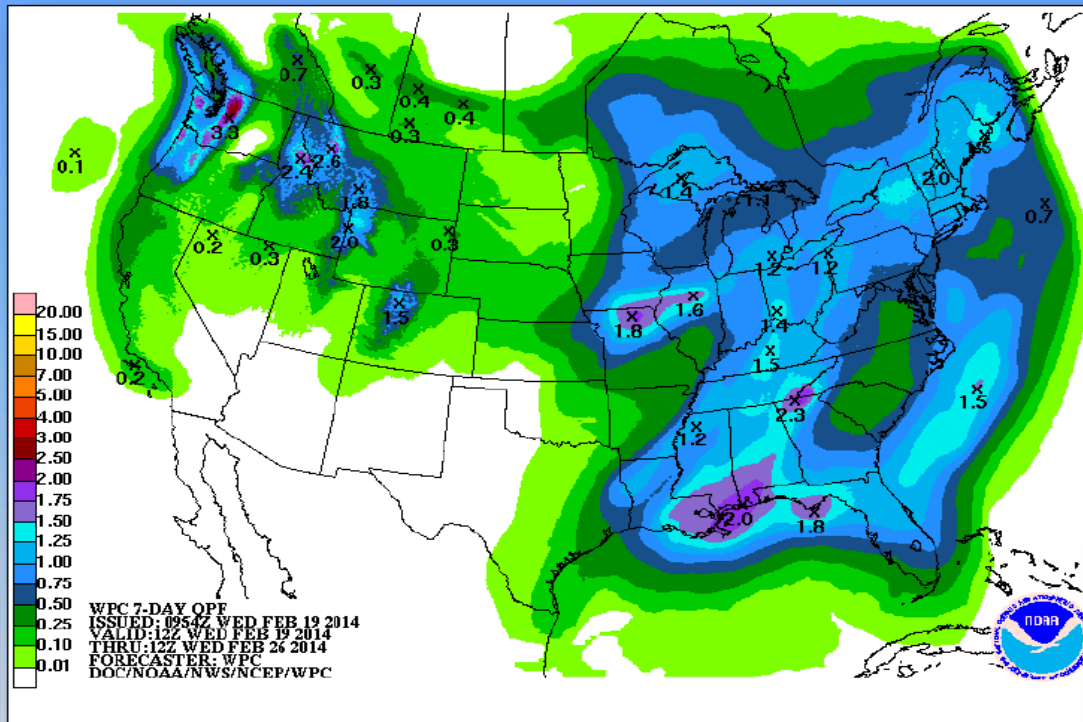
Extreme Southwestern California Including Orange, San Diego, Western Riverside and Southwestern San Bernardino Counties:

Warm and dry conditions will prevail again today. A cooling trend will develop for the weekend and next week, with periods of high clouds possible and more widespread coastal low clouds and fog during the nights and mornings. As this trough pushes inland, even cooler weather will develop by midweek, with a slight chance of precipitation developing by late Wednesday and into Thursday.

Southeast California Weather:

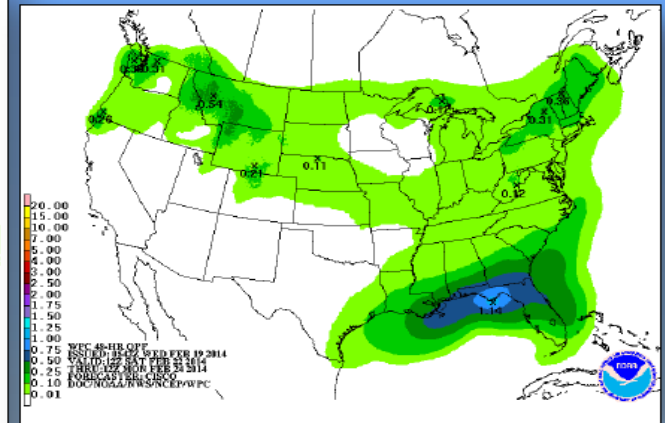
Quiet weather and a warming trend can be expected through the middle of next week. Models continue to hint at a wet pattern developing late next week and into next weekend.

Precipitation Forecast

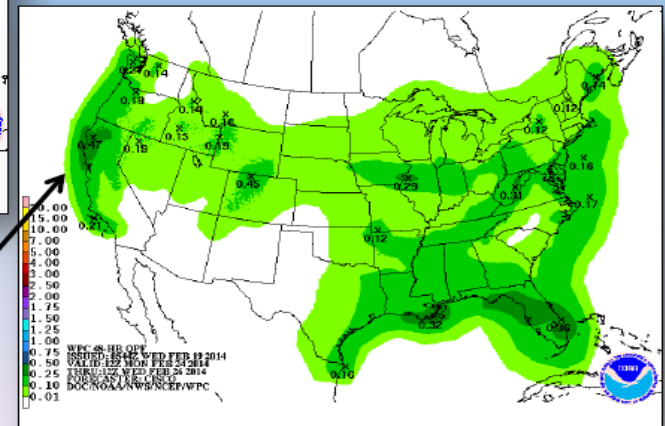


Days 1-7

Precipitation threat returns to CA in the Day 6-7 time period with the focus in the North



Days 4-5

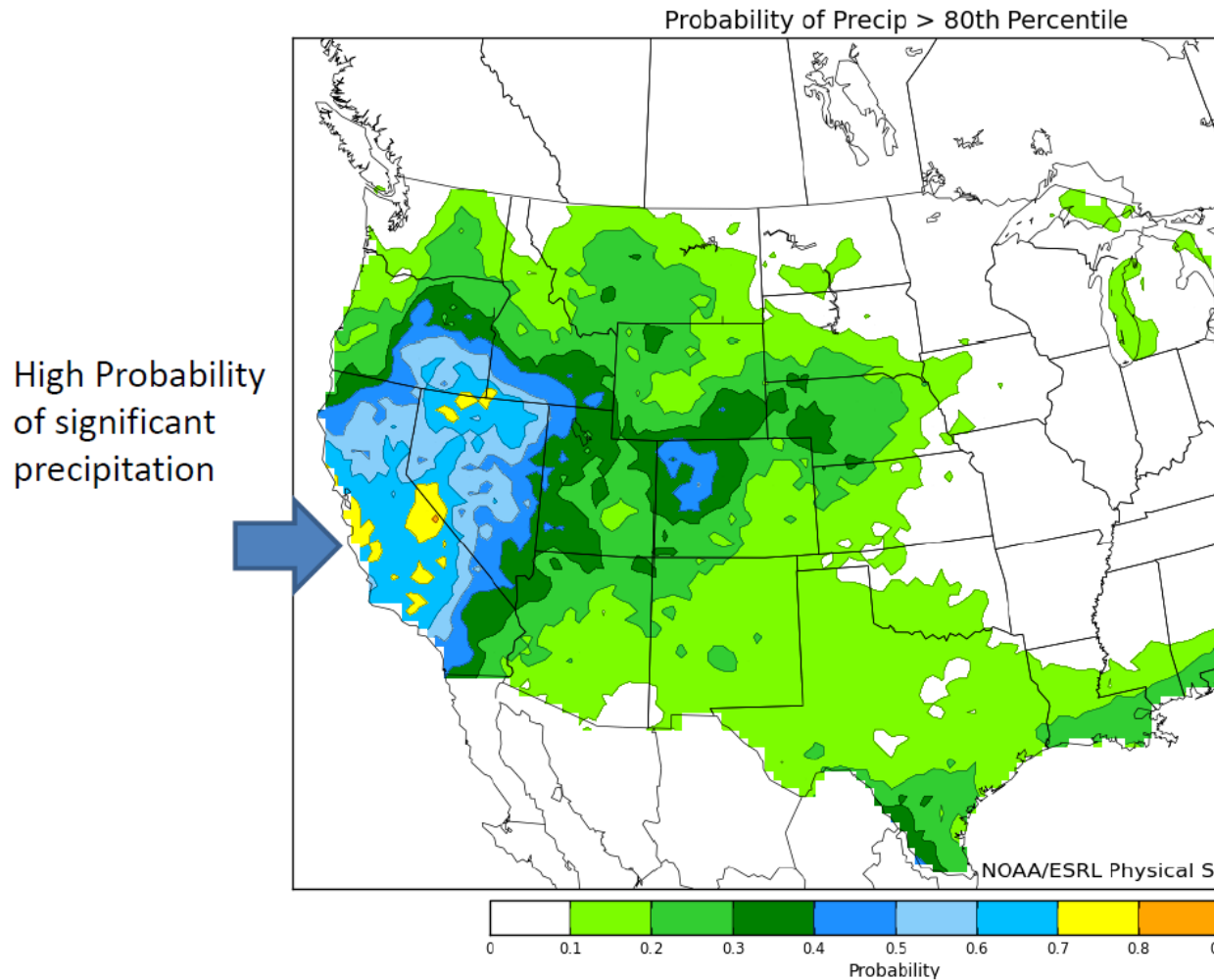


Days 6-7

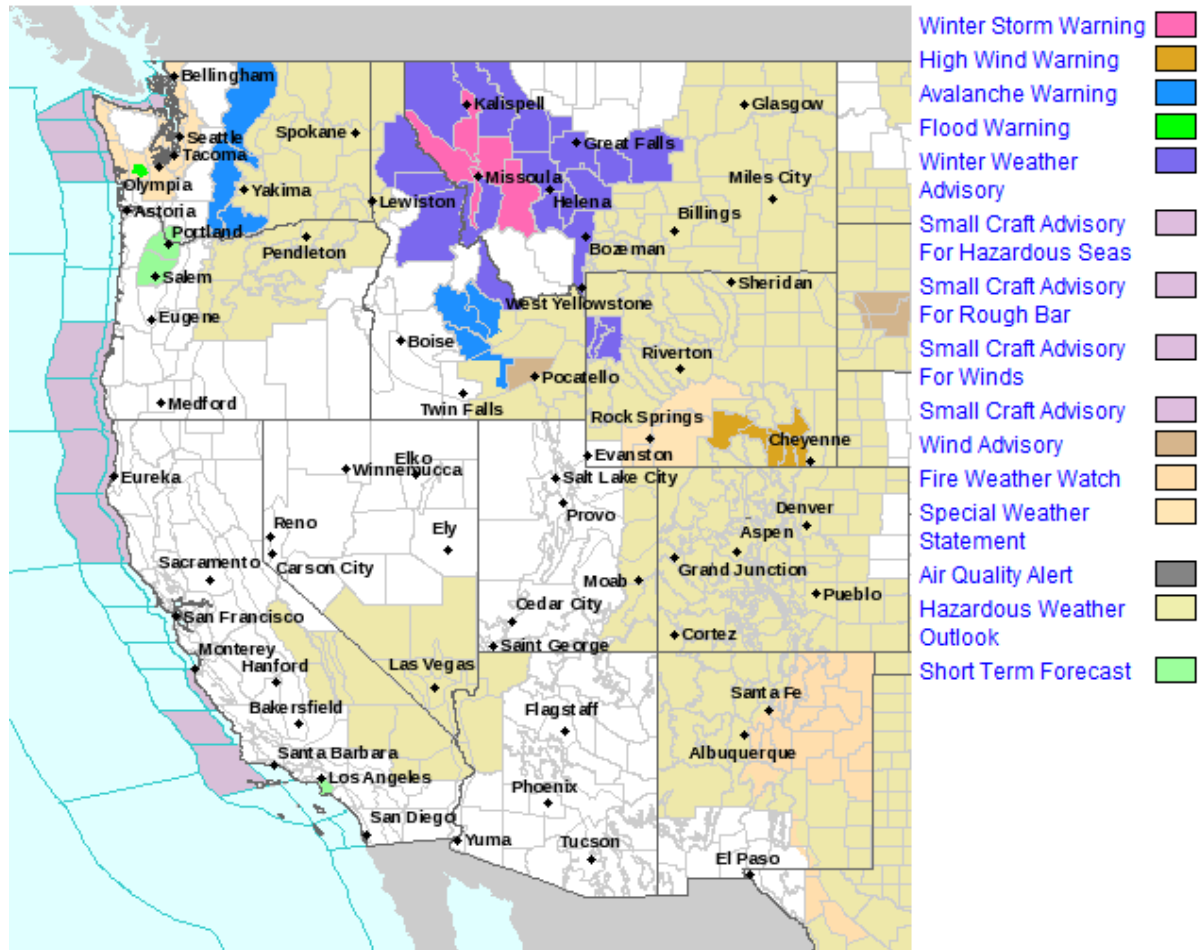


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Probability of Significant Precipitation



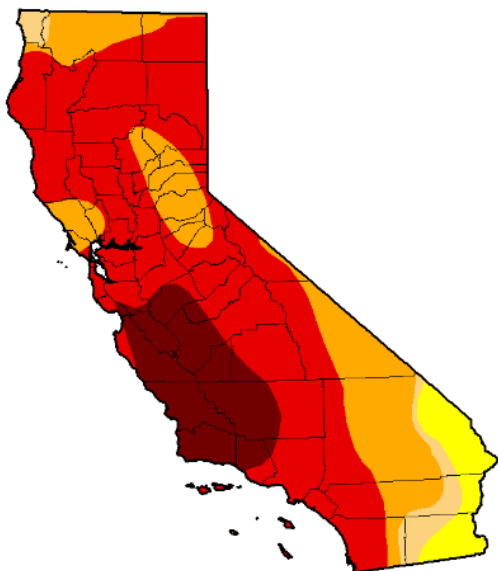
STATE WEATHER MAP



Last map update: Feb, 21st 2014 at 9:53:03 am MST

U.S. Drought Monitor

California



February 18, 2014


(Released Thursday February 20, 2014)

Valid 7 a.m. Eastern

Week	Date	Nothing	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	2/18/2014	0.00	100.00	94.54	90.82	68.30	14.62
Last Week	2/11/2014	1.43	98.57	94.54	91.59	60.94	9.81
3 Months Ago	11/19/2013	2.61	97.39	96.00	84.12	27.59	0.00
Start of Calendar Year	12/31/2013	2.61	97.39	94.25	87.53	27.59	0.00
Start of Water Year	10/1/2013	2.63	97.37	95.95	84.12	11.36	0.00
One Year Ago	2/19/2013	15.45	84.55	47.18	23.72	0.00	0.00


Intensity:

 D0 - Abnormally Dry

 D1 - Moderate Drought

 D2 - Severe Drought

 D3 - Extreme Drought

 D4 - Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying [text summary](#) for forecast statements.

Author(s):

David Miskus, NOAA/NWS/NCEP/CPC



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FIRE ACTIVITY

Preparedness Levels:

National Preparedness Level 1

Northern California

Preparedness Level 1 Multi-Agency Coordination System MACS Mode 2

Southern California

Preparedness Level 2 Multi-Agency Coordination System MACS Mode 2

California Fire Potential & Weather Maps

Southern California 7 Day Significant Fire Potential

<http://psgeodata.fs.fed.us/7day/action/forecast/8>

Northern California 7 Day Significant Fire Potential

<http://psgeodata.fs.fed.us/7day/action/forecast/10>

California Fire Weather Map Watches and Warnings

<http://www.wrh.noaa.gov/firewx/main.php>

NWS California River Forecast Center:

<http://www.cnrfc.noaa.gov/>

No Significant Fire Activity to Report



California - North Area 7 Day Significant Fire Potential

Issued: Friday, Feb 21, 2014

Parameters: None

Predictive Service Area	Thu Feb 20	Fri Feb 21	Sat Feb 22	Sun Feb 23	Mon Feb 24	Tue Feb 25	Wed Feb 26	Thu Feb 27
NC01 - North Coast								
NC02 - Mid Coast								
NC03A - Bay Area-Marine								
NC03B - Diablo/Santa Cruz Mtns								
NC04 - Northwestern Mtns								
NC05 - Sacramento Valley								
NC06 - Northeast CA								
NC07 - Northern Sierra								
NC08 - East Side								



Legend

Fuel Dryness

- Moist - Little or no risk for large fires.
- Dry - Low risk of large fires in the absence of a "High Risk" event.
- Very dry - Low/Moderate risk of large fires in the absence of a "High Risk" event.
- Data Unavailable.

Weather

High pressure will take over the region's weather pattern today through the weekend. Afternoon temperatures are expected to warm by 10 degrees in many areas. There will be a few periods of light NE/Offshore winds through Sunday morning. Conditions are expected to be dry into the middle of next week. Winds then shift to the SW-W late Sunday as the high moves east of the region. This will begin a gradual cooling trend and then set the stage for a return to wet weather by late next week as a series of Pacific storm systems are expected to move onshore across California.

Fuels/Fire Potential

Fuels in all Predictive Service Areas should remain in the moist category through the 7-day period in spite of some drying under high pressure and light NE/Offshore winds early in the period. Recent rains have begun a new green grass crop in many areas below 3000 ft. For prescribed burning, dispersion conditions will be somewhat variable this week, but trending toward less active dispersion overall this weekend improving early next week. Find more details at:

http://gacc.nifc.gov/oncc/predictive/weather/daily_smoke/Smoke.html



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California - South Area 7 Day Significant Fire Potential

Issued: Friday, Feb 21, 2014

Parameters:

Predictive Service Area	Thu Feb 20	Fri Feb 21	Sat Feb 22	Sun Feb 23	Mon Feb 24	Tue Feb 25	Wed Feb 26	Thu Feb 27
SC01 - Eastern Sierra								
SC02 - Central Sierra								
SC03 - Southern Sierra								
SC04 - Sierra Foothills								
SC05 - Central Valley								
SC06 - Central Coast Interior								
SC07 - Central Coast								
SC08 - South Coast								
SC09 - Western Mountains								
SC10 - Eastern Mountains								
SC11 - Southern Mountains								
SC12 - Lower Deserts								
SC13 - Eastern Deserts								
SC14 - Central Mojave								
SC15 - Upper Deserts								
SC16 - Northern Deserts								



Legend

Fuel Dryness

- Moist - Little or no risk for large fires.
- Dry - Low risk of large fires in the absence of a "High Risk" event.
- Very dry - Low/Moderate risk of large fires in the absence of a "High Risk" event.
- Data Unavailable.

Weather

A ridge of high pressure off the California Coast will continue to bring well above normal temperatures today, with mid 50s to mid 60s in the mountains and mid 70s to mid 80s in the valleys. Minimum humidity will be mainly between 12% and 25% away from the coast and Central Valley today. The ridge will weaken bringing a cooling trend and an increase in humidity to the region Saturday through Tuesday. Winds will be light through Tuesday. A Pacific trough will bring near to a little below normal temperatures to the region Wednesday and Thursday. This trough will also bring showers to Central California starting Wednesday afternoon, with light showers moving into Southern California by Thursday morning. A strong storm looks to bring widespread significant rainfall to the entire region Friday into next weekend. There will be strong south to west winds mainly over the mountains and deserts Wednesday into next weekend.

Fuels/Fire Potential

Dead fuels will moisten slowly through early next week as temperatures cool and humidity increases. However, there will continue to be light initial attack activity across the region through early next week. Any ignitions will remain small due to light winds. There will be little or no fire activity across the region starting Wednesday as wetting rains begin to fall.



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CAL OES ACTIVATIONS

- The SOC is activated at Level 2 in support of the Drought State of Emergency from 0800-1700 hours daily. The Inland REOC is activated at Level 2 from 0800-1700 Monday through Friday or as needed. The Southern REOCs is activated at Level 1.
- The Santa Barbara County OA EOC is activated at Level 2 to be handled by the duty officer for the purpose of monitoring activities and gaining situational awareness. The operational period is 0800-1700 hours.

SIGNIFICANT EVENTS / ACTIVITY

Cal EOC Incident – 2014 Drought

Situational Summary: (No Change)

- The lack of winter rain and snowfall has resulted in extremely dry conditions in many parts of the State. Reservoir levels are down significantly from where they should be on average for this time of year. If conditions continue without substantial rainfall, severe impacts to municipal water supplies, agriculture (plants and livestock) and firefighting capabilities are likely in store for the State for several months. Negative economic impacts will also result. The Governor has established a Drought Task Force to prioritize State actions needed to address these conditions. Governor Brown proclaimed a State of Emergency and directed state officials to take all necessary actions to prepare for these drought conditions. The State Operations Center (SOC) is activated to implement objectives in support of the Governor's priorities.
- Many local jurisdictions have enacted water conservation measures. The Office of Emergency Services is in close contact with counties and local officials to monitor the water conditions, agriculture and economy.
- As a result of the drought DWR has informed the customers of the State Water Project (SWP) that deliveries in 2014 will be discontinued if current dry conditions persist. Deliveries to agricultural districts with long-standing water rights in the Sacramento Valley may be cut 50 percent (the maximum permitted by contract) depending upon future snow survey results. Storage in key reservoirs now is lower than at this time in 1977, one of the two previous driest water years on record. While additional winter storms may provide a limited boost to reservoir storage and water deliveries, it would need to rain and snow heavily every other day from now until May to get us back to average annual rain and snowfall. The allocation may change depending on future storm events.

Cal EOC Incident – 2014 Drought (cont.)

Current Conditions:

Recent Precipitation: Very little precipitation fell in California over the last week. Precipitation totals (in inches) from February 20 through February 21:

Precipitation Totals (inches)	2/20 – 2/21/2014
Folsom Dam: 0.00"	Pollack Pines: 0.00"
Fresno: 0.00"	Redding: 0.00"
Hetch Hetchy Reservoir: 0.00"	Sacramento: 0.00"
Los Angeles: 0.00"	Shasta Dam: 0.00"
Modesto: 0.00"	Willits: 0.00"
Oroville: 0.00"	



Cal EOC Incident – 2014 Drought (Con't)

Current Conditions:

While Northern California received its largest rainstorm in 14 months in mid February, the storm had minimal effect on California's drought conditions and reservoirs' water levels remained largely unchanged.

- **Near-term Outlook for Precipitation:** The dry conditions of the past week will continue into early next week as high pressure builds over California. A warming trend also is expected. A return to an unsettled wet period is expected late next week with precipitation expected statewide, continuing into next weekend. The focus of this upcoming wet period will be across northern California with preliminary maximum rainfall amounts of 3-6 inches. Snow levels likely at or above 6000 ft.

** Heavy rain and snow would have to fall throughout California very frequently from now until May to reach average annual rain and snowfall. Even with such precipitation, California would remain in drought conditions, due to low supplies from the two previous dry years.**

Cal OES Inland Region - The Drought Coordination and Briefing call for Operational Areas, Native American Tribes and the Governor's Office of Emergency Services Inland Region REOC continues to be held at 1100 hours each Monday.

Current Drought Updates:

- 2014 Drought Response Report - Attached ([Update](#))

Declarations/Resolutions/Proclamations: ([Update](#))

State:

01/17/14 – January 17, 2014, Governor Edmund G. Brown proclaimed a State of Emergency and directed state officials to take all necessary actions to prepare for these drought conditions.

Declarations/Resolutions/Proclamations: (Con't)

County Declarations/Resolutions/Proclamations:

Declarations/Resolutions/Proclamations		
Inland Region		
County		Request
Glenn	1/30/2014	State and Federal relief
Kern	1/14/2014	Gubernatorial and Presidential
Kings	1/14/2014	State and Federal assistance
Madera	1/28/2014	No specific request
San Joaquin	1/28/2014	No specific request
Sutter	2/11/2014	Gubernatorial and Presidential
Tulare	2/4/2014	CDAA and Federal assistance
Tuolumne	2/4/2014	CDAA and Federal assistance
Yuba	2/18/2014	Gubernatorial and Presidential
Coastal Region		
County		Request
Mendocino	1/7/2014	No specific request
Southern Region		
County		Request
Inyo	1/28/2014	CDAA
Santa Barbara	1/17/2014	No specific request

Declarations/Resolutions/Proclamations: (Con't)

City / Tribe / Special District Declarations/Resolutions/Proclamations:

Declarations/Resolutions/Proclamations		
Inland Region		
City/Tribe/Special District		Request
Placer County Water Agency Placer	2/6/2014	Local conservation and funding measures
Twain Harte Community Services Dist Tuolumne	1/29/2014	Enact District conservation measures
Tule River Tribe Tulare	1/30/2014	Enact Tribal emergency authorities
Coastal Region		
City/Tribe/Special District		Request
Hoop Valley Tribe Humboldt	1/20/2014	Enact Tribal emergency authorities
Yurok Tribe Del Norte	1/29/2014	Enact Tribal emergency authorities
City of Willits Mendocino	1/7/2014	Declare a Phase V Water Emergency
Brookside Township Mendocino	1/7/2014	
City of Calistoga Napa	2/4/2014	Declare a Stage II Water Emergency
City of St. Helena Napa	1/28/2014	Declare a Stage II Water Emergency
City of American Canyon Napa	2/4/2014	Declare a Stage I Water Emergency
Southern Region		
City/Tribe/Special District		Request



Counties Which Have Established a Drought Task Force (DTF)

Cal OES Inland Region:

Inland Region	
County	Drought Task Force Meetings
Butte	
Madera	
Modoc	
Nevada	2/28/2014
Placer	3/5/2014
Plumas	2/24/2014
Sacramento	2/21/2014
San Joaquin	
Siskiyou	
Stanislaus	
Sutter	3/16/2014
Tehama	
Tulare	
Tuolumne	

Counties Which Have Established a Drought Task Force (DTF) (Con't)

Cal OES Coastal Region / Cal OES Southern Region:

Coastal Region	
County	Drought Task Force Meetings
Mendocino	2/26/2014
Monterey	
San Mateo	
Southern Region	
County	Drought Task Force Meetings
Santa Barbara	3/4/2014
San Luis Obispo	3/12/2014

DROUGHT MEETINGS

Cal OES Inland Region

The Drought Coordination and Briefing call for Operational Areas, Native American Tribes and the Governor's Office of Emergency Services Inland Region REOC continues to be held at 1100 hours each Monday. Please see below for Drought Meetings from the past 7 days.

- 02/19/14 - Butte County: Paradise had their first Drought Task force meeting on Wednesday evening.
- 02/19/14 - Siskiyou County had a Drought Task force meeting.
- 02/19/14 - San Joaquin Co Task Force Management. The Inland Region Field ESC attended the OA Drought Task Force meeting on Wednesday February 19, 2014.
- 02/18/14 - Butte County - The Inland Region Administrator and Inland staff participated in the Butte County Drought Task Force meeting in Oroville and the CDFA/USDA drought forum in Palo Cedro, in a continuing effort to gather information on the drought emergency and related impacts.
- 02/18/14 - Stanislaus County - The Inland Region Field ESC attended the OA first Drought Task Force meeting on Tuesday February 18, 2014. There was good participation from water agencies, agricultural agencies, cities, and county departments. Information was shared and meetings will continue.
- 02/18/14 - Madera and Stanislaus Counties - Inland Region staff participated in Drought Task Force meetings. Relevant updates have been posted to Cal EOC.

SOUTHERN CALIFORNIA SIGNIFICANT ACTIVITY

Natural Gas Outage Needles, San Bernardino County 2/19/14 at 0846 hours ([Update](#))

- Caused by a valve being turned off
- City and County are not activated
- Approximately 4,912 residents affected including the Fort Mojave Indian Tribe
- Southwest Gas is on-scene bringing each house back on-line. No ETR.
- No hospital issues; no AFN issues
- Cal OES Southern Region remains activated at Level 1, Duty officer status.

[Update 2/21/2014 at 0900 hours:](#)

- [Southwest Gas reported that service has been restored to approximately 1,457 customers.](#)
- There is no estimated time of when service will be fully restored.
- No emergency management issues have been reported at this time.

CAL OES OPEN MISSIONS

Drought Related Missions

- **2014-Inland-2185** Tuolumne County does not have a water master or any alternative resources to assist in determining the health of their ground water system. The County is requesting state agency expertise to assist with this determination.

Ongoing Missions:

- **2014-SOC-2111** Mission is to test the Cascadia Subduction Zone (CSZ) air bridge concept by air transporting 7 passengers from OES and 1 CANG logistics planner on 13 May 2014 from Mather to the State Staging Area (SA) in Redding, to one POD in Del Norte and one POD in Humboldt, to the Redding State SA, and return to Mather. Passengers will discuss actions at the Redding SA and at each OA POD while they are at each location. The air bridge is a critical component to CSZ response and recovery. It is imperative this concept is tested to ensure response teams can be successfully transported into the effected region and the affected Operational Areas' are able to receive aircraft at designated PODs.
- **2014-LAW-2069** Solano County Sheriff's Department is requesting California National Guard (CNG) tents to support classes and vendor displays at SAREX 2014 (A joint coordination exercise) scheduled for 9/05-07/2014 in Napa County. Setup of requested resources will begin on 9/04/14 and tear down will occur on 9/08. The exact scope of work will be determined as the planning cycle continues. There will also be a request for communications support which may be a combination of CNG and Cal OES Telecommunications resources. Mission number pulled to allow CNG to begin determining what assets may be available to assist. At this time the specifics of the request are deemed "to be determined" (TBD).

Ongoing Missions: (Con't)

- **2014-LAW-2235** On 2/19/14, Tulare County Sheriff's requested resources to assist in SAR of missing at risk female from San Diego missing since last Sunday. Resources requested include: Helicopter support, cadaver and scent dogs. The Cal OES Law Enforcement Duty Officer is coordinating the resources.

CAL OES CLOSED MISSIONS

- **2013-LAW-1797** Butte County has requested this mission re-opened as they will resume the search for a possible homicide victim. The search will resume with assistance from the Alameda County Sheriff's Department who will be providing an underwater Remote Operated Vessel (ROV) with video and sonar capabilities to search areas of Lake Oroville. Alameda County and Butte County are coordinating mission requirements and will advise on final details regarding deployment of teams to the area. The search is scheduled to resume on 2/18/2014. [Update 2/20/2014: Latest search efforts yielded no results, resources have been released and the mission has been closed.](#)

UPCOMING EVENTS, TRAINING, EXERCISES

Diablo Canyon Power Plant, Rehearsal / Full Scale Exercise

Diablo Canyon Power Plant in San Luis Obispo will be hosting two full scale Hostile Action Based exercises this Spring. A dress rehearsal exercise will be held on April 16, 2014 and a FEMA evaluated exercise will held on May 21, 2014. This is part of the required biennial demonstration of our ability to protect the public from a radiological incident at the nuclear power plant.

2014 Golden Guardian

Planning is currently underway for the Governor's 2014 exercise series. The series will test the *California Cascadia Subduction Zone Earthquake and Tsunami Response Plan* developed by FEMA Region IX and Cal OES

- Logistics Tabletop Exercise - March 5, 2014
- Logistics Rehearsal of Concept Drill - April 2, 2013
- REOC Communications Functional Exercise - March 27, 2014

The Tsunami Warning Communications Test

Live code, activating EAS will be on the North Coast in Del Norte, Humboldt, Mendocino Counties on Wednesday 3/26/14 (between 11:00 and Noon PDT).

- Del Norte County will be asking residents of the community to participate in a full evacuation exercise on March 26th between 1100 – 1300 hours PDT.



Mission:

We protect lives and property, build capabilities, and support our communities for a resilient California.

We achieve our mission by serving the public through effective collaboration in preparing for, protecting against, responding to, recovering from, and mitigating the impacts of all hazards and threats.